

IN THE CLAIMS:

1.-14. (cancelled)

15. (new) An axial setting device for actuating a multi-plate coupling in the driveline of a motor vehicle, comprising:

a housing in which there are supported two parts so as to be coaxially rotatable relative to one another, which two parts can be coupled to one another by the multi-plate coupling arranged in the housing;

a cylinder unit with a hydraulic chamber and a piston which is arranged in the hydraulic chamber so as to be axially displaceable and which is provided for actuating the multi-plate coupling; and

a hydraulic system for supplying the cylinder unit, comprising a quantity of oil jointly contained in the housing and in the hydraulic chamber, and a pump having a first connection connected to the housing and a second connection connected to the hydraulic chamber.

16. (new) An axial setting device according to claim 15, wherein the pump is adapted to convey oil from the housing to the hydraulic chamber and vice versa.

17. (new) An axial setting device according to claim 15, wherein the pump is firmly connected to the housing and, in the housing, there is provided an aperture connecting the first connection to an interior of the housing and a channel connecting the second connection to the hydraulic chamber.

18. (new) An axial setting device according to claim 16, wherein the pump is firmly connected to the housing and, in the housing, there is provided an aperture connecting the first connection to an interior of the housing and a channel connecting the second connection to the hydraulic chamber.

19. (new) An axial setting device according to claim 17 comprising an antechamber in the housing between the aperture and the first connection.

20. (new) An axial setting device according to claim 18 comprising an antechamber in the housing between the aperture and the first connection.

21. (new) An axial setting device according to claim 17, wherein the channel is provided in the housing only.

22. (new) An axial setting device according to claim 15 comprising a filter in the hydraulic system between the housing and the first connection of the pump.

23. (new) An axial setting device according to claim 17 comprising a filter in the hydraulic system between the housing and the first connection of the pump.

24. (new) An axial setting device according to claim 19 comprising a filter in the hydraulic system between the housing and the first connection of the pump.

25. (new) An axial setting device according to claim 23, wherein the filter element is provided in the aperture.

26. (new) An axial setting device according to claim 24 wherein the filter element is provided in the aperture.

27. (new) An axial setting device according to claim 22, wherein the filter element is associated with the first connection of the pump.

28. (new) An axial setting device according to claim 15 comprising a pressure sensor between the second connection and the hydraulic chamber, the pressure sensor being connected to an electronic control unit.

29. (new) An axial setting device according to claim 17 comprising a pressure sensor between the second connection and the hydraulic chamber, the pressure sensor being connected to an electronic control unit.

30. (new) An axial setting device according to claim 19 comprising a pressure sensor between the second connection and the hydraulic chamber, the pressure sensor being connected to an electronic control unit.

31. (new) An axial setting device according to claim 15 comprising a controllable check valve between the second connection and the hydraulic chamber.

32. (new) An axial setting device according to claim 15, wherein the pump is an internal gear pump and comprises a hollow gear with an internal trochoid and a rotor with an external trochoid.

33. (new) An axial setting device according to claim 32, wherein the internal trochoid of the hollow gear is formed by a plurality of rotatable gears being inserted in partially cylindrical recesses of the hollow gear and the rotor, along its external trochoid, comprises a toothed structure which engages the teeth of the rotatable gears.

34. (new) An axial setting device according to claim 15, wherein the pump can be driven by an electric motor and is controllable by an electronic control unit.

35. (new) An axial setting device according to claim 34, wherein the pump and the electric motor form one unit and are positioned on a common longitudinal axis.